Active Network-Tester

KE7200

KURTH ELECTRONIC

KE7010
Remote

Fast and easy test of LAN cabling for common faults :

- high resolution graphical display w. backlite
- Checks for common faults like opens, shorts and mis-wires
- Detects split pairs even for short cables (> 1m)
- Displays line voltage
- Measures cable length and distance to fault (TDR)
- Four high-power selectable cable trace signals for:
- Blinks the link lights on active port equipment
- Tests LANs using Static IP or DHCP
- List of active LAN devices with IP and Name
- PING with different frame sizes
- POE test to IEE802.3af standard including available power
- The master unit identifies up to 32 individual remotes
- Remote shows good/bad connection
- Over Voltage protected up to to 200 V

The **KE7200** LAN Tester is an easy-to-use tool that verifies and troubleshoots all types of Ethernet cable installations, from essential copper wiring tests to active IP PING. Advanced copper test capabilities include active TDR for cable length and detection of split pairs even on jumpers (down to 1 meter or 3 feet). The KE7200 even shows multiple faults simultaneously.

Essential Copper Tests
The **KE7200** tests for wire continuity, opens, shorts, miswires and split pairs. It also displays the length of the cable.

Active Testing
The **KE7200** LAN Tester finds and displays network-connected devices with their IP/MAC addresses. It works with either DHCP or fixed IP services. Connected devices can be PINGed one by one with selectable frame lengths and CRC errors are displayed if they occur.

Power-over-Ethernet (PoE)
The **KE7200** not only checks for availability of PoE, it detects the type available and what power level is supported. PoE is appearing more commonly as devices like wireless access points (WAP), IP cameras and IP telephones grow in popularity -- mismatches between equipment and the supply of power can cause a variety of problems.]

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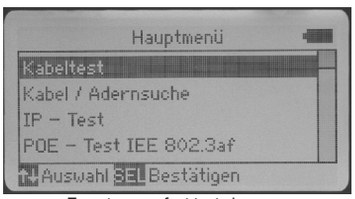
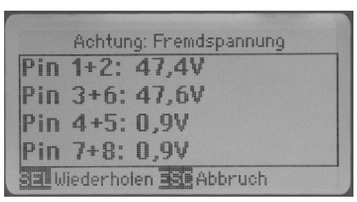
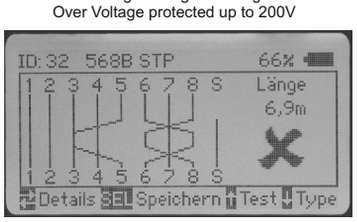


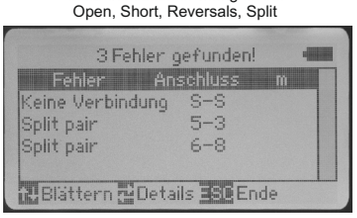
Easy to use - fast test change



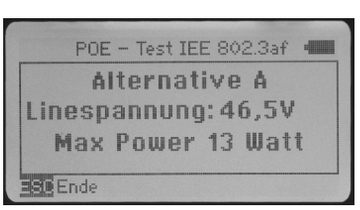
Foreign Voltage Warning
Over Voltage protected up to 200V



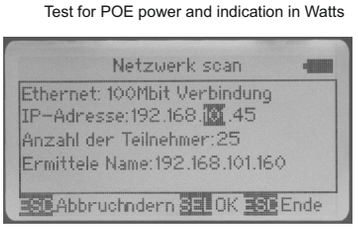
Clear indication of wiring errors
Open, Short, Reversals, Split



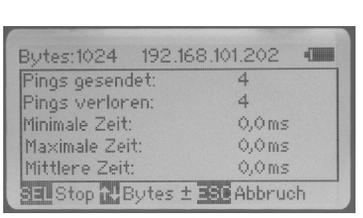
Detailed Error Informations



Test for POE power and indication in Watts



Listing of Network adresses



Ping of any IP- Address

Specifications

Active Network Tester KE7200

Wire Test Copper:
Check of wires connected to PIN and Pair
16 dedicated wiring schemes predefined
Graphical display shows wire map with clear indication good/bad
Detects split pair from 3 ft (1m) on
Measures all wires separately and shows length to fault

Power over Ethernet Test:
Activation of POE port , measuring of voltage and current. Shows available Power in Watts

IP - Network test:
Checks Network with Static IP or by DHCP
IP adress and Mac Adress settable
Listing of all working stations by Name (if there)
IP - and MAC Address
Ping of selected Adresses - frame settable between 32 and 1024 Bit
Shows result number of PINGs, lost pings, time
Constant Ping mode to generate traffic

Cable Trace:
Hub - Link Blink Function
Trace tones to be detected by capacitive Probe
Four tones settable:
1. SOLID: 1000 Hz
2. ALT: 1000/800 Hz
3. SOLID: 2600 Hz
4. ALT: 2600/1900 Hz

***Over Voltage Protection*:**
Up to 200 V AC

Housing:
Solid and weather protected ABS with Drop Protection

Battery:
4 x 1,5V Alkaline - Battery

Size:
195 x 100/78 x 45 mm
Weight:
380 g without Battery

Environment:
Working temperatur: -5 - +50 °C
Storage temperatur : -25 - +75°C
Humidity : 90% nicht kondensierend

KE7200 comes with:
2 Remote units KE7010, 3 test cable CAT6 0,5m , 1 test cable RJ45/RJ11 Pin 4/5 2m , 1 test cable RJ45 to 2 x Banana 4mm with croco clips 2m , 1 Adapter RJ45/BNC, 1 Adapter BNC/F, Software Windows, User manual and pouch

Active Remote unit KE7010

Housing:
Solid and weather protected ABS
Features:
Id programable 01 - 32
LED shows good/bad
***Size*:**
61 x 41 x 26 mm
***Weight*:**
30g

Technical modifications are subject to change

Ordering Information

0.49420	KE7200 Network Tester with 2 Remotes KE7010 Set of Test Cords and Pouch
0.49421	KE7200 PRO KIT Network Tester with 4 Remotes KE7010, Set of Test Cords, Capacitive PROBE310 and Pouch
0.49415	KE7010 1 active Remote , good/bad LED,programmable ID with test cord 0,5m CAT6
0.49416	KE7010 KIT, 4 active Remote , good/bad LED, programmable ID, with 4 test cord 0,5m CAT6
0.49417	KE7010 PRO KIT, 4 active Remote , good/bad LED, programmable ID, with 4 test cord 0,5m CAT6, PROBE310 with Pouch

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